

GP-301172

INTERMITTENT COOLING OF FUEL CELL

ABSTRACT OF THE DISCLOSURE

5 Process for improving the efficiency of a fuel cell system having a liquid coolant and a pump circulating the coolant through the fuel cell and a heat exchanger that extracts heat from the coolant. Improved efficiency is achieved by intermittently shutting off the pump when the fuel cell is operating at less than 25% of its "full power" design point.

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